

# Comparisons of Job Characteristics

Focus Occupation: **Economists (19-3011)**

Associated Occupation: **Life, Physical, and Social Science Technicians, All Other (19-4099)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: Economists (19-3011)

Associated Occupation: Life, Physical, and Social Science Technicians, All Other (19-4099)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Computers and Electronics	8.4	15.0	14.4	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	14.6	9.2	<<	Extensive education and/or training may be required
Geography	3.9	10.9	7.6	<<	Extensive education and/or training may be required
Biology	3.7	10.6	1.9	<<	Extensive education and/or training may be required
Food Production	2.1	10.6	1.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Economists (19-3011)

Associated Occupation: Life, Physical, and Social Science Technicians, All Other (19-4099)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Systems Analysis	6.5	9.2	11.5	>	Skill level is likely sufficient
Mathematics	6.2	9.0	12.3	>>	Skill level is likely more than sufficient
Science	4.5	9.0	5.6	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	7.2	1.0	<<	Extensive development of skills in this area may be required
Repairing	3.4	6.9	1.0	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	5.6	1.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 83		
Focus Occupation: Economists (19-3011) Associated Occupation: Life, Physical, and Social Science Technicians, All Other (19-4099)				
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Category Flexibility	9.0	10.7	7.9	<< Extensive improvement in abilities may be required
Mathematical Reasoning	6.3	10.1	11.6	> Current ability level is likely sufficient
Flexibility of Closure	7.8	9.7	6.4	<< Extensive improvement in abilities may be required
Number Facility	6.3	8.8	11.3	> Current ability level is likely sufficient
Time Sharing	6.6	8.2	6.0	<< Extensive improvement in abilities may be required
Depth Perception	5.3	7.9	1.3	<< Extensive improvement in abilities may be required
Memorization	5.6	7.3	6.4	< Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
<b>Focus Occupation: Economists (19-3011)</b> <b>Associated Occupation: Life, Physical, and Social Science Technicians, All Other (19-4099)</b>		
Tools and Technologies	Exclusivity	
Business function specific software	1	
Computers	1	
Content authoring and editing software	1	
Data management and query software	1	
Development software	4	
Industry specific software	1	
Information exchange software	1	
Network applications software	1	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.